

May 6, 2010

## **RECORD OF MEETING REGARDING ROSEMONT PROJECT**

**SUBJECTS:** (1) Discussion of findings in WestLand Resources, Inc., report titled "Rosemont Mine Project Talus Snails (*Sonorella*, Helminthoglyptidae) and Talus Slopes of the North Ridge of the Santa Rita Mountains, Pima County, Arizona"

(2) Discussion of natural history and upcoming survey efforts for *Hexalectris* species

**DATE:** May 4, 2010

**TIME:** 0900 - 1215

**LOCATION:** WestLand Resources, Inc. Offices

**ATTENDEES:** Larry Jones, Coronado National Forest  
Debbie Sebesta, Coronado National Forest  
Richard Gerhart, Coronado National Forest  
Jeff Sorenson, Arizona Game and Fish Department  
Ken Kertell, SWCA, Inc.  
Geoff Soroka, SWCA, Inc.  
Brian Lindenlaub, WestLand Resources, Inc.  
Jim Tress, WestLand Resources, Inc.  
Robert Archer, WestLand Resources, Inc.  
Bob Schmalzel, WestLand Resources, Inc.  
Amanda Best, WestLand Resources, Inc.

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(1) WestLand provided a presentation of findings as detailed in their April 2010 report titled "Rosemont Mine Project Talus Snails (*Sonorella*, Helminthoglyptidae) and Talus Slopes of the North Ridge of the Santa Rita Mountains, Pima County, Arizona". Topics of discussion were as follows:

- Westland talus snail survey coverage
  - Talus delineation
  - WestLand snail collection efforts
  - Pilsbry and Ferriss collections and studies
  - Miller collections and studies
  - Naranjo-Garcia collections
  - Characteristics of *Sonorella magdalenensis* and *S. rosemontensis/walker*
    - Genitalia
    - Embryonic microsculpturing
    - Shell morphology measurements
  - Westland statistical cluster analysis
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- *Sonorella* findings in McCleary and Barrel Canyons
  - Potential management opportunities for *Sonorella*
- (2) A brief discussion was held on the natural history of *Hexalectris revoluta* and upcoming survey efforts for the plant. Topics of discussion were as follows:
- Known locations of *Hexalectris revoluta* in Arizona
  - Known conditions (mycorrhizal and oak) associated with the orchid
  - Kennedy and Watson Phylogeny of *Hexalectris*
  - Forest Service Fact Sheet for *Hexalectris* (Larry Jones)
  - Forest Service Guidance for Survey of *Hexalectris* (Larry Jones)
  - WestLand GIS mapping efforts for identifying appropriate microclimate for the plant (Robert Archer)
  - Abbreviated survey season